

SAFE® R8220 Version 264

Definition

A04 LOW PROTEIN 10%
Proteins controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.



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Picture indicative only

Directions for Use

DISTRIBUTION

Period

According to the experimental protocol. A transition period to SAFE custom diet during weaning is recommended.

Method

- Ad libitum or rationed according to experimental protocols.
- Remove from the packaging and place directly in the cage dieting dish or on the cage floor.

DAILY CONSUMPTION

Varies depending on species, strain, weight and age. Rats 18 to 25 g, mice 3 to 6 g, hamsters 8 to 12 g.

STORAGE

Store in a clean, and dry place, at 4°C, protected from light.

SHELF-LIFE from the date of production

Bucket or Bag: 6 months

Irradiation

Possible doses: Minimum 10, 25 or 40 kilograys.
This Custom Diet is Not Autoclavable.

Product Form

PELLETS	Mean
Diameter	10-12 mm
Crushing resistance	> 5 kgf/cm ²
Abrasion resistance	> 90 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

Product Presentation

*All SAFE® diets are available with different packaging, irradiation and with analytical data on demand.

Selected solutions of the most sold items from the SAFE® portfolio.

DIET	STANDARD PACKAGING		USUALLY AVAILABLE WITH IRRADIATION DOSE
SAFE® R8220 v. 264*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® R8220 v. 264*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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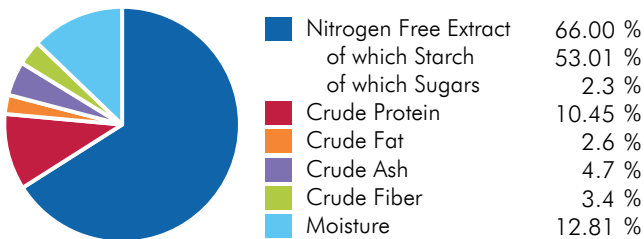
Ingredients

Barley, wheat, maize, wheat bran, dicalcium phosphate, calcium carbonate, pre-mixture of minerals, soybean meal, pre-mixture of vitamins, soybean oil, hydrolyzed fish proteins.

CENTESIMAL COMPOSITION

Cereals	94.1 %
Animal Proteins	0.50 %
Vegetal Proteins	1.0 %
Vitamins & Minerals	3.9 %
Oils & Fats	0.50 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	13.0	3114.9	
ME Atwater	13.8	3294.8	
Energy from proteins	1.8	418.0	12.7
Energy from lipids	0.99	236.9	7.2
Energy from NFE	11.1	2639.9	80.1

More information on energy calculation: www.safe-lab.com

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	5 336 mg	Methionine	2 073 mg
Cystine	2 355 mg	Tryptophan	1 193 mg
Lysine	3 819 mg	Glycine	4 494 mg

FATTY ACIDS

Palmitic acid	5 518 mg	EPA	15 mg
Stearic acid	438 mg	DHA	24 mg
Palmitoleic acid	166 mg	DPA	< 10 mg
Oleic acid	4 109 mg	Sum SFA	6 286 mg
LA	11 903 mg	Sum UFA	17 389 mg
ALA	1 067 mg	Sum MUFA	4 353 mg
Sum n-3	1 114 mg	Sum PUFA	13 037 mg
Sum n-6	11 921 mg	Cholesterol	< 1 mg

MINERALS

	END PRODUCT
Calcium	7 384 mg
Phosphorus	5 560 mg
Sodium	2 345 mg
Potassium	4 658 mg
Magnesium	1 402 mg
Manganese	58 mg
Iron	294 mg
Copper	21 mg
Zinc	58 mg
Chlorine	3 757 mg

VITAMINS

	END PRODUCT
Vitamin A	9 123 IU
Vitamin D3	1 190 IU
Vitamin E	39 IU
Vitamin K3	16 mg
Vitamin B1	5.0 mg
Vitamin B2	7.1 mg
Vitamin B3	66 mg
Vitamin B5	15 mg
Vitamin B6	4.9 mg
Vitamin B9	0.40 mg
Vitamin B12	0.020 mg
Biotin	0.11 mg
Choline	1 138 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	0.95 %		

For the welfare of animals SAFE® bedding and environmental enrichment such as SAFE® block gnawing logs and SAFE® nesting materials should be available in the cage.

The values of the end products are given as indication only and have no contractual value. They are theoretical calculated values of the diet formula without considering values from customer's compounds. Depending on production conditions, storage and analytical methods variations may occur. An analysis is performed on request.

Produced in France